Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collect	Docket Number (Optional)									
REISSUE APPLICATION DECLARATION BY THE INVENTOR	, , , ,									
TOTAL TOTAL PROPERTY INTERIOR OF THE HARMING	CMCC 450 DIV REI									
I hereby declare that: Each inventor's residence, mailing address and citizenship are stated below next to their name. I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,348,069, granted February 19, 2002 and for which a reissue patent is sought on the invention entitled, Engineering of Strong, Pliable Tissuse,										
the specification of which	,									
is attached hereto. was filed on February 19, 2004 as reissue application num	ber									
and was amended on (If applicable)										
I have reviewed and understand the contents of the above-identified specific amendment referred to above. I acknowledge the duty to disclose information which is material to patentable hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), equivalent) listing the foreign applications.	lity as defined in 37 CFR 1.56.									
I verily believe the original patent to be wholly or partly inoperative or invalid, below. (Check all boxes that apply.)	for the reasons described									
by reason of a defective specification or drawing.										
✓ by reason of the patentee claiming more or less than he had the right to	o claim in the patent.									
by reason of other errors.										
At least one error upon which reissue is based is described below. If the reis reissue, such must be stated with an explanation as to the nature of the broad										

[Page 1 of 2]
This collection of information is required by 37 CFR 1.175. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2) Docket Number (Optional) CMCC 450 DIV REI								
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.								
Note: To appoint a pov	ver of attorney, use form PTO/SB/8	1.						
Correspondence Addre	ess: Direct all communications abou	ut the applicati	on to:					
✓ The address a	ssociated with Customer Number	22570		,,,,, 				
OR 23579								
Firm or Individual Name								
Address		, , , , , , , , , , , , , , , , , , , ,						
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	V	VARNING:						
Petitioner/applicant is	cautioned to avoid submitting pers	sonal informati	on in doc	uments filed	l in a patent⊹	application that may		
contribute to identity	theft. Personal information such	as social sec	urity num	bers, bank	account num	bers, or credit card		
numbers (other than a	check or credit card authorization	form H1O-203	s supmitte	ea for payme	ent purposes)	is never required by		
the USPTO to suppor	t a petition or an application. If thi s/applicants should consider redac	is type of pers	onal infor	mation is inc	the documen	anents submitted to		
the USP TO, pelitioner	Petitioner/applicant is advised th	at the record	of a nate	nt anniicatic	n is available	e to the public after		
nublication of the appl	ication (unless a non-publication re	quest in comp	iance wit	h 37 CFR 1.	213(a) is mad	de in the application)		
or issuance of a pate	nt. Furthermore, the record from	an abandoneo	applicati	on may also	be available	e to the public if the		
application is referen	ced in a published application o	r an issued p	atent (se	e 37 CFR	1.14). Chec	cks and credit card		
authorization forms P	TO-2038 submitted for payment p	urposes are n	t retaine	d in the app	lication file a	nd therefore are not		
publicly available.	,	•						
I hereby declare that :	all statements made herein of my	own knowledg	are true	and that all	statements i	made on information		
and belief are believ	ed to be true; and further that t	hese stateme	nts were	made with	the knowled	ge that willful false		
statements and the like	e so made are punishable by fine a	and imprisonme	ent, or bo	th, under 18	U.S.C. 1001,	and that such willful		
false statements may	jeopardize the validity of the ar	oplication, any	patent is	ssuing there	on, or any	patent to which this		
declaration is directed								
1 5 5	st inventor (given name, family nar	ne)						
Joseph P. Vacanti Inventors signature		Date	- i i			·		
1 1	D 1H=13	Date	2/4/	(1)				
Residence	6 Mich A	Citizer		<u> </u>	<u></u>			
14 Woodside Rd., V	Vinchester, MA 01890			U.S.				
Mailing Address								
14 Woodside Rd., Winchester, MA 01890								
Full name of second joint inventor (given name, family name)								
Christopher K. Breuer								
Inventor's signature	•	Date						
Residence		Citizer	ship			, 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 194		
58 Farm View Road	, Bethany, CT 06524		U.S	3.				
Mailing Address								
58 Farm View Road	58 Farm View Road, Bethany, CT 06524							
Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.								

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DECLARATION		Supplemental Sheet Page 3 of 3					
Name of Additional Joint Inventor, if any	A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any))	Family Name or Surname						
Beverly E.		Chaignaud					
Inventor's Signature				Date			
Birmingham Residence: City	AL State		U.S. Country		U.S. Citizenship		
1036 Cahaba River Parc Birmingham, Alabama 35243							
Mailing Address		··					
Birmingham City	AL State		35243 Zip	U.S. Count	ry		
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor							
Given Name (first and middle (if any))			Family Name or Surname				
Toshiraru Shin'oka							
Inventor's Signature		_		Date			
Milford	Connecticu	ut	U.S.		U.S.		
Residence: City	State		Country		Citizenship		
174 Stagecoach Cir., Milford, Ct 06460 Mailing Address							
Milford	Connecticut		06460	U.S.			
City	State		Zip	Count	ry		
Name of Additional Joint Inventor, if an	y:	A petition	has been filed for this ur	nsigned	inventor		
Given Name (first and middle (if any))		Family Name or Surname					
Inventor's Signature				Date			
Residence: City	State		Country		Citizenship		
Mailing Address							
City	State		Zip	Count	ry		

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Docket Number (Optional)

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REISSUE APPLICATION DECLARATION BY THE INVENTOR	CMCC 450 DIV REI
I hereby declare that: Each inventor's residence, mailing address and citizenship are stated below I believe the inventors named below to be the original and first inventor(s) of in patent number6,348,069, grantedFebruary reissue patent is sought on the invention entitledEngineering of Strong	the subject matter which is described and claimed 19, 2002 and for which a
the specification of which	······································
is attached hereto.	
was filed on February 19, 2004 as reissue application num	ber
and was amended on (If applicable)	
I have reviewed and understand the contents of the above-identified specifical amendment referred to above. I acknowledge the duty to disclose information which is material to patentabile	
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or equivalent) listing the foreign applications.	or 365(b). Attached is form PTO/SB/02B (or
I verily believe the original patent to be wholly or partly inoperative or invalid, below. (Check all boxes that apply.)	for the reasons described
by reason of a defective specification or drawing.	-
by reason of the patentee claiming more or less than he had the right to	claim in the patent.
by reason of other errors.	
At least one error upon which reissue is based is described below. If the reissue, such must be stated with an explanation as to the nature of the broad	
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[Page 1 of 2]
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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)					CMCC 45		umber (Optional) / REI	
All errors corrected in t	this reissue application arose without any	decepti	ve intentic	n on th	ne part of the	appli	cant.	
Note: To appoint a pov	wer of attorney, use form PTO/SB/81.							
Correspondence Addr	ess: Direct all communications about the	applicat	ion to:					
The address a	essociated with Customer Number: 2357	/n	· · · · · · · · · · · · · · · · · · ·					
OR	[8						
Firm or Individual Name								
Address							*	
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		Siate				Zip.		
Country								
Telephone			Email					
	WARN	VING:						
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed. Full name of sole or first inventor (given name, family name)								
Joseph P. Vacanti		F= . 1 _						
Inventor's signature		Date						
Residence 14 Woodside Rd., W	inchester, MA 01890	Citizer	ship	U.S.				
Mailing Address			<u> </u>					
14 Woodside Rd., Winchester, MA 01890								
Full name of second jo Christopher K. Breue	int inventor (given name, family name) r			•				
Inventor's signature		Date		Ô				
Residence 58 Farm View Road,	Bethany, CT 06524	Citizer	ship U.S					
Mailing Address								
58 Farm View Road, Bethany, CT 06524								
Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.								

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3					
Name of Additional Joint Inventor, if an	A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any))	Family Name	e or S	Surname			
Beverly E.		Chaignauc	<u> </u>				
inventor's Signature	-				Date		
Birmingham Residence: City	AL State	U.S. Country			U.S. Citizenship		
1036 Cahaba River,Parc Birmingham, Alabama 35243 Mailing Address							
Birmingham City	AL State			35243 Zip	U.S. Count	ry	
Name of Additional Joint Inventor, if any	y:	A peti	tion h	as been filed for this ur			
Given Name (first and middle (if any)	Family Name or Surname						
Toshiraru	Shin'oka						
Inventor's Signature					Date		
Milford Residence: City	Connecticu State	t		U.S.		U.S. Citizenship	
174 Stagecoach Cir., Milford, Ct 06460	Gtate	·····		Country		Citizeriship	
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Milford	Connecticut	_		06460	U.S.		
City	State	·		Zip	Count	Ŋ	
Name of Additional Joint Inventor, if any	<i>y</i> :	A peti	tion h	as been filed for this ur	nsigned	inventor	
Given Name (first and middle (if any))		Family Name or Surname					
· ·							
inventor's Signature					Date		
Residence: City	State	, ., , . , . , . , . , . , . , . , . ,		Country		Citizenship	
Mailing Address							
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REISSUE APPLICATION DECLARATION BY THE INVENTOR	CMCC 450 DIV REI								
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the specification of which	,								
is attached hereto.									
was filed on February 19, 2004 as reissue application num	ber								
and was amended on (If applicable)									
I have reviewed and understand the contents of the above-identified specifical amendment referred to above. I acknowledge the duty to disclose information which is material to patentabile									
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), equivalent) listing the foreign applications.	or 365(b). Attached is form PTO/SB/02B (or								
I verily believe the original patent to be wholly or partly inoperative or invalid, below. (Check all boxes that apply.)	for the reasons described								
by reason of a defective specification or drawing.									
by reason of the patentee claiming more or less than he had the right to	claim in the patent.								
by reason of other errors.									
At least one error upon which reissue is based is described below. If the reis reissue, such must be stated with an explanation as to the nature of the broa	sue is a broadening dening:								

[Page 1 of 2]

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(DEISSUE ADDITION DECLADATION BY THE INVENTOR page 2)					Docket Number (Optional)			
(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)					CMCC 45			
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.								
Note: To appoint a pov	ver of attorney, use form PTO/SB/8	11.						
	ess: Direct all communications abou	ut the applicati	on to:	·····				
	ssociated with Customer Number:	23579						
OR Firm or								
Individual Name				······		······		
Address								
							A CONTRACTOR OF THE CONTRACTOR	
City		State	1			Zip		
Country								
Telephone			Email					
	V	VARNING:						
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioner/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed. Full name of sole or first inventor (given name, family name) Joseph P. Vacanti								
Inventor's signature		Date						
Residence 14 Woodside Rd., W	/inchester, MA 01890	Citizer	ship	U.S.				
Mailing Address								
14 Woodside Rd., Winchester, MA 01890								
Full name of second jo Christopher K. Breue	oint inventor (given name, family na	ıme)						
Inventor's signature	ī l	Date						
Residence 58 Farm View Road,	Residence Citizenship 58 Farm View Road, Bethany, CT 06524 U.S.							
Mailing Address		I						
58 Farm View Road, Bethany, CT 06524								
Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.								

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City State 12.00

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REISSUE APPLICATION DECLARATION BY THE INVENTOR	Docket Number (Optional)				
REISSUE AFFEIGATION DECLARATION DE THE INVENTOR	CMCC 450 DIV REI				
I hereby declare that: Each inventor's residence, mailing address and citizenship are stated below reduced to be the original and first inventor(s) of the inventor of the invention entitled inventor of the inventor of the invention entitled inventor of the inventor of t	the marking the manufacture of the control of the c				
the specification of which					
is attached hereto.					
was filed on February 19, 2004 as reissue application number	ber				
and was amended on (If applicable)					
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I verily believe the original patent to be wholly or partly inoperative or invalid, to below. (Check all boxes that apply.)	for the reasons described				
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by reason of the patentee claiming more or less than he had the right to	claim in the patent.				
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[Page 1 of 2] [Page 1 of 2]
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ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/02A (07-07)

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DECLARATION		ADDITION Supplement	IAL INVENTOR(S) al Sheet	Pac	1e _ 3 of _ 3		
Name of Additional Joint Inventor, if an	A petition has been filed for this unsigned inventor						
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Given Name (first and middle (if any))		Family Name or Surname					
Inventor's Signature		Date					
Residence: City	State	·	Country		Citizenship		
Mailing Address							
	······································						
City	State		Zip	Count	ry		

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